

CLAIMS

1. A resin tube for weaving curtains; the resin tube being made of foamed polypropylene resin.
- 5 2. The resin tube as claimed in claim 1, wherein an external diameter of the resin tube is ranged from 2.5mm to 10 mm, and a ratio of a wall thickness of the resin tube to the external diameter of the small tube for curtain is between 0.02 and 0.2.
3. The resin tube as claimed in claims 1, wherein an appearance gravity
10 of the resin tube is between 0.7 and 0.95.
4. The resin tube as claimed in claims 2, wherein an appearance gravity of the resin tube is between 0.7 and 0.95.
5. The resin tube as claimed in claim 1, wherein longitudinal fine
15 veins and irregular concave-convex veins are formed on a surface of the small tube.
6. The resin tube as claimed in claim 2, wherein longitudinal fine veins and irregular concave-convex veins are formed on a surface of the small tube.
7. The resin tube as claimed in claim 3, wherein longitudinal fine veins
20 and irregular concave-convex veins are formed on a surface of the small tube.
8. The resin tube as claimed in claim 1, wherein the small resin tube is used to weave curtains.
9. The resin tube as claimed in claim 2, wherein the small resin tube is
25 used to weave curtains.
10. The resin tube as claimed in claim 3, wherein the small resin tube is used to weave curtains.
11. The resin tube as claimed in claim 5, wherein the small resin tube is

used to weave curtains.

12. The resin tube as claimed in claim 7, wherein the small resin tube is used to weave curtains.

13. A method for manufacturing resin tubes used in curtains, the
5 method comprising the steps of:

adding polypropylene and foaming agent to an extruder for melting and blending as a mixing material,

feeding the mixing material to a mould;

10 shaping the mixing material by passing the mixing material out of a ring-shape outlet of the mould so as to form with a tube;

solidifying the tube in a cooling tank; and

cutting the tube into a plurality of resin tubes each having a predetermined length.

14. The method as claimed in claim 8, wherein the foaming agent is
15 0.05~0.5 weight % of the polypropylene and foaming agent.

15. The method as claimed in claim 8, wherein an extrusion speed of the resin tube is between 10 meter / minute to 100meter / minute.

16. The method as claimed in claim 9, wherein an extrusion speed of the resin tube is between 10 meter / minute to 100meter / minute.

20 17. The method as claimed in claim 11, wherein a ratio of an external diameter of the small tube to external diameter of the mould mouth is between 0.2 and 0.8.

18. The method as claimed in claim 8, wherein a ratio of an external diameter of the small tube to an external diameter of the mould mouth is
25 between 0.2 and 0.8.

19. The method as claimed in claim 8, wherein in shaping step, veins are formed on a surface of the tube.